16.   Maintaining the Major Events Database with EVENTS

The EVENTS database tool allows the user to enter, edit, and delete project major events for the major events database, which is a master collection of multiple project events. This database ties specific activities to specific weeks in the FORECAST User Requirements worksheet for a particular year.

You can run EVENTS either as a stand-alone program or from the FORECAST program. This section of the user guide assumes you are calling EVENTS on its own. Refer to Section 10 of this document for information on calling EVENTS from the FORECAST program.

For EVENTS to properly function, it is necessary that the local parameter in the [brequestDPMI] section of the WIN.INI file be set to **no**.

```
[brequestDPMI]
datalength=4096
tasks=10
local=no
chkparms=no
```

If this parameter is incorrectly set, EVENTS does not function, and you see two error message boxes:

```
BTRIEVE ERROR (36) -
TRANSACTION ERROR
```

```
FATAL

Unable to begin events
database transaction.
```

It is also necessary that the file RULES.INI be located in the \FASTER\DATA subdirectory. This file is used by both EVENTS and FORECAST and contains the Lost Time by Project rules, aka "Lacey's Laws." Each rule is composed of two parts, a Priority Level and a % of Requirement.

16.1   Starting EVENTS

    (1)   From the Microsoft Windows Program Manager window, double click on the FASTER group icon.

    (2)   From the FASTER program group window, double click on the EVENTS icon.

EVENTS loads the events database (or the user-selected subset), then displays the "View Filter" dialog box.
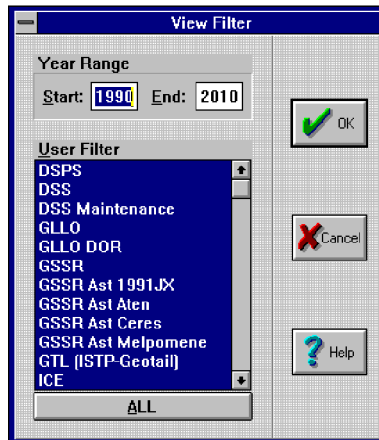
    (2)   Select the activities you wish to see displayed. The default is **ALL**.

    (3)   Click **OK**.

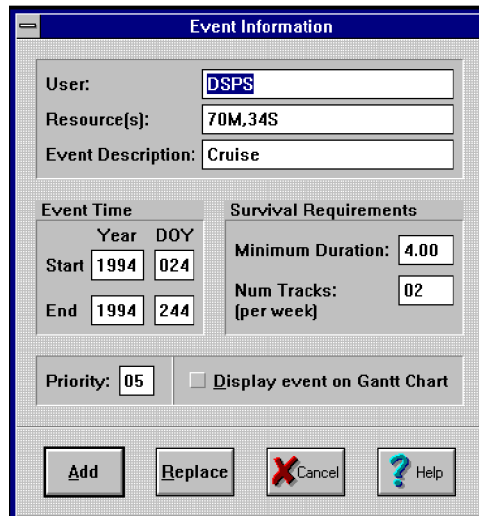EVENTS displays the selected items in the Browse/Edit mode.

16.2　　　Adding New Events

The process of adding a new event to the major events database is called "editing" an event. To add a new event:

(1)　　　From the **Edit** pull-down menu, select the *Edit Event* option.

EVENTS displays the "Event Information" dialog box.

(2)   In this box, enter the following information:

•	**User**	Must be a name found in the USER.INI file.
•	**Resource(s)**	What DSN resources are being requested. May be "generic" (70M) or "specific (DSS-14,63 or 14,63 or 14\63).
•	**Event Description**	Text describing the event (16 characters maximum).
•	**Start year**	Beginning year of the event.
•	**Start DOY**	Beginning DOY of the event.
•	**End Year**	Ending year of the event.
•	**End DOY**	Ending DOY of the event.
•	**Min Dur**	Minimum track duration for survival.
•	**Num Tracks**	Minimum number of tracks for survival
•	**Priority**	What is the event's priority relative to other activities.
•	**Display**	Show this on the Gantt chart output or on the Events portion of the User Requirements worksheet if "Update Events" is selected.

To navigate around the dialog box you can either use the TAB key or click the mouse on the field(s) of interest.

(3)   After entering all the above information, click the **Add** button or the **Enter** key.

(4)   NOTE: Additions are not permanently saved until the Events file itself has been saved.

EVENTS displays the entry in the browse/edit mode.

16.3   Deleting Events

(1)   From within the EVENTS browse/edit window, select the event(s) to be deleted either by clicking anywhere on the event with the mouse, or by using the **UP ARROW** or **DOWN ARROW** keys. (Use the **SHIFT** key in combination with mouse clicks or arrow keys to extend the selection to more than one consecutive event). Press **CTRL** then click on selected events if their non-contiguous.

(2)   From the EVENTS **Edit** pull-down menu, select the *Delete Event(s)* option.

(3)   NOTE: Deletions are not permanently saved until the Events file itself has been saved.

EVENTS deletes the highlighted item(s).

16.4   Editing Events

(1)   From within the EVENTS browse/edit window, select the event(s) to be edited either by clicking anywhere on the event with the mouse, or by using the **UP ARROW** or **DOWN ARROW** keys. (Use the **SHIFT** key in combination with mouse clicks or arrow keys to extend the selection to more than one event).   Press **CTRL** then click on selected events if their non-contiguous.

(2)   From the **Edit** pull-down menu, select the *Edit Event* option.
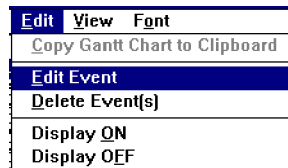
     EVENTS displays the "Event Information" dialog box containing the selected event. Edit this information as described in Step (2) of Section 16.3.

(3)   When finished editing, click the **Replace** button.

     EVENTS replaces the selected entry with the new information and redisplays all events in the browse/edit mode.

(4)   NOTE: Edits are not permanently saved until the Events file itself has been saved.
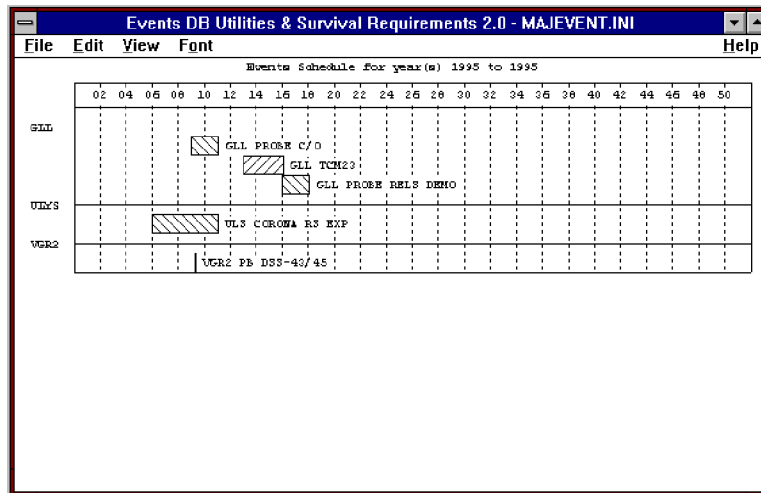
16.5   Displaying Events

View the events in a Gantt style chart as follows:

(1)   From the **View** pull-down menu, select the *Gantt Chart* option.

     EVENTS displays a Gantt chart format of the selected events.

(2)   To return to the browse/edit mode, from the **View** pull-down
         menu, select the *Browse/Edit* option.

         EVENTS redisplays the line listing version of the database.

(3)   If there are events you do not wish to display in either
         browse/edit or Gantt view:

         (a)   From within the browse/edit window, select the event to
                 be toggled, either by clicking anywhere on it with the
                 mouse, or by using the **UP ARROW** or **DOWN
                 ARROW** keys. (Use the **SHIFT** key in combination
                 with mouse clicks or arrow keys to extend the selection to
                 more than one event).   Press **CTRL** then click on
                 selected events if their non-contiguous.

         (b)   From the **Edit** pull-down menu, select the *Display ON* or
                 Display OFF option.
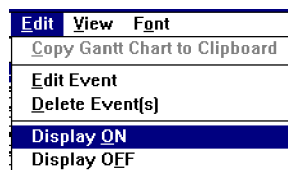
         The Y/N character in the first column of the browse/edit display
         is changed. Assuming for purposes of this example, you select

not to display an item, when you select the Gantt Chart view option again, the item will no longer be visible.
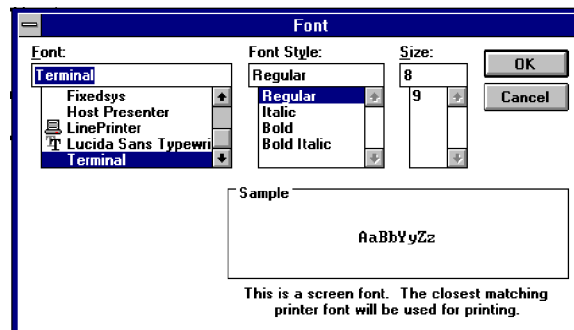
16.6   Changing the Font

You can change the font being used in the Gantt chart view.

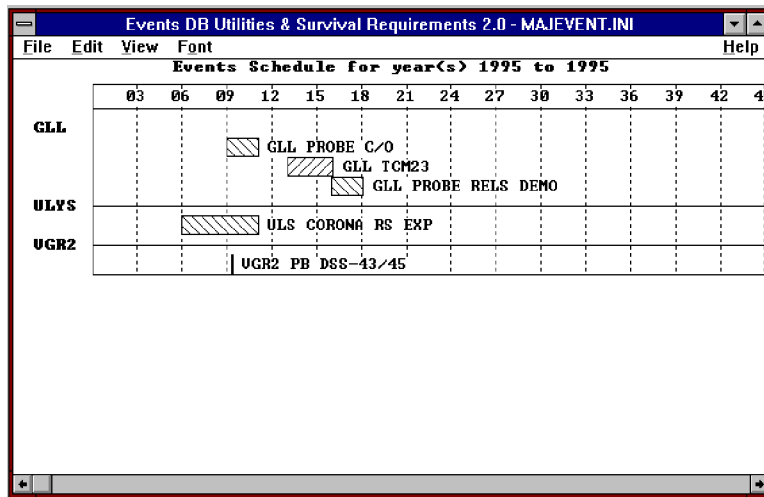(1)   From the **Font** pull-down menu, select the *Font...* option.

_____
___

Note: You must be in the Gantt chart view mode, otherwise the *Font...* option is disabled.
_____
___

EVENTS displays the "Font" Dialog box.

(2)   Select the desired font, style, and point size.

(3)   Click **OK**.

EVENTS redraws the Gantt chart using the selected font.

(4)   It's advised to select the FILE /VIEW FILTER options from the
         File pull-down menu to optimize the display with the newly
         selected font. This step prevents the "overwriting" of events
         when man events exist in a relatively small period of time.

16.7   Printing out Events

         EVENTS allows hard copy printing of either the graphic Gantt
chart format or the text based listing.   The one printed will depend on the one
currently being viewed i.e. if you are viewing the Gantt chart then the Gantt
chart will be printed out.

(1)   From the **File** pull-down menu, select the *Print* option.

(2)   EVENTS will then print out the current display